

## WEED RESPONSE RATINGS FOR BURNDOWN HERBICIDES – ALL CROPS

(See Explanation of Rating Tables on Page 3.)

Herbicide <sup>1</sup>	Weeds																															
	Annual Bluegrass	Barnyardgrass	Broadleaf Signalgrass	Buttercup	Carolina Geranium	Chickweeds	Common Lambsquarter	Common Ragweed	Coreopsis	Crabgrass	Curl Dock	Cutleaf Eveningprimrose	Giant Foxtail	Henbit <sup>5</sup>	Horseweed (maretail)	Horseweed, Glyphosate-Resistant	Little Barley	Mayweed	Morningglory spp.	Mustards	Palmer Amaranth	Palmer Amaranth, Glyphosate-Resistant	Prickly Lettuce	Red Rice	Ryegrass <sup>5</sup>	Smartweed spp.	Sow Thistle spp.	Swinecress	Vetch Cover	Virginia Pepperweed	Wheat Cover	Yellow Nutsedge
2,4-D (labeled formulations)	0	0	0	8	5	0	2	9	7	0	9	8	0	5	8	8	0	8	9	6	7	9	8	0	0	6	7	6	10	2	0	4
Clarity	0	0	0	6	7	8	4	9	7	0	8	8	0	6	9	9	0	6	9	7	7	8	7	0	0	6	8	7	9	3	0	0
Glyphosate	10	9	8	5	7	10	8	9	4	10	7	6	8	7	7	2	10	7	6	10	9	0	9	8	7	8	8	6	6	10	9	4
Glyphosate + Clarity or 2,4-D <sup>2</sup>	10	10	9	10	9	10	10	10	7	10	9	9	8	10	9	9	10	10	10	10	10	8	10	8	7	9	9	8	8	10	9	4
Glyphosate + FirstShot	10	7	8	8	9	10	10	9	4	8	10	7	8	9	9	5	10	8	7	10	9	4	10	8	7	10	8	6	8	10	9	4
Glyphosate + Valor <sup>3</sup>	10	9	8	6	8	10	9	9	6	10	7	9	8	9	7	2	10	7	9	10	10	4	9	8	7	9	-	-	8	10	9	6
Paraquat <sup>4</sup>	9	7	8	7	9	10	9	8	8	8	5	7	8	8	5	5	9	7	8	10	10	9	6	7	5	6	6	4	7	0	7	4
Ignite + 2,4-D or Clarity	6	7	7	10	8	10	9	10	7	7	8	8	8	10	9	9	7	10	10	10	9	10	9	7	5	8	8	8	10	10	5	6

<sup>1</sup>Herbicide rates are: Glyphosate (4 lb/gal) 1 qt/A; paraquat 40 oz/A. Add 0.25% v/v surfactant with paraquat.

<sup>2</sup>Glyphosate (4 lb/gal) 1 qt + 2,4-D 1 pt/A.

<sup>3</sup>Adding Valor will provide residual control of horseweed and pigweed, but no post emerge control.

<sup>4</sup>Burndown ratings for paraquat on summer weeds can be increased by adding metribuzin (soybeans only).

<sup>5</sup>For glyphosate-resistant ryegrass and henbit, fall applications may be more effective than typical burndown applications applied in the spring. Apply 1.33 pints per acre of Dual Magnum or equivalent in the fall prior to weed emergence. Valor is effective for broadleaves such as henbit, but not for ryegrass. All crops on the Dual label can be planted the following spring. POST applications of paraquat tank-mixed with a photosystem II inhibitor (metribuzin, diuron or atrazine) have also been effective for ryegrass. Select or Select MAX has also been effective at controlling smaller ryegrass; however, it has failed as a late spring salvage in University trials.

### PLANT-BACK RECOMMENDATIONS FOR BURNDOWN HERBICIDES

Herbicide	Grain Sorghum	Corn	Wheat	Soybeans	Cotton	Rice
2,4-D <sup>1</sup>	7d	7d	7d	14d	28d	21d
Canopy EX	12m	10m	4m	7d	10m	10m
Clarity <sup>2</sup>	14d	7d	22d	14d	21d	120d
Express	14d	14d	l	14d	14d	l
FirstShot	14d	14d	l	7d	14d	l
Glyphosate	l	l	l	l	l	l
Harmony GT	l	l	l	l	7d	45d
Ignite	180d	l	70d	l	l	l
Python	12m	l	4m	l	18m	6m
Valor	30d	30d	30d	l	30d	30d

<sup>1</sup> Most 2,4-D labels state rotation to all crops after 90 days or until sufficiently dissipated.

<sup>2</sup> Days listed are based on University data and after receiving 1.0 inches or more rainfall.

<sup>3</sup> l = immediately, d = days, m = months.